

Amendments to the Specification:

Please add the following line at page 6, after line 27:

Fig. 13 shows ceramide catabolic pathways.

Please replace the line on page 18, line 30 with the following:

5'-TATACAGAGCTCCGTAGGAC-3' (SEQ ID NO: 1)

Please replace the line on page 19, line 1 with the following:

5'-AGTTGTCTGCAGCCACGAAC-3' (SEQ ID NO: 2)

Please replace the line on page 30, line 1 with the following:

Table IV Primer Sequences and Number of Cycles of Amplification

Please replace the Table on page 30, beginning at line 3 with the following table:

Gene	Primer	Sequence (5'- 3')	Annealing temper.	No. of cycles	Product Size	SEQ ID NOS:
GAPDH	sense	AAT CCC ATC ACC ATC TTC CA	52	16	558	<u>3</u>
	antisense	GTC ATC ATA TTT GGC AGG TT				<u>4</u>
CD1d	sense	GCT CAA CCA GGA CAA GTG	66	27	452	<u>5</u>
		GAC GAG				
	antisense	AGG AAC AGC AAG CAC GCC				<u>6</u>
		AGG ACT				

Please replace the Table on page 30, beginning at line 6 with the following:

Gene	Primer	Sequence (5'- 3')	Annealing temper.	No. of cycles	Product Size	SEQ ID NOS:
GAPDH	sense	TTC ACC ACC ATG GAG AAG GC	60	22	236	<u>7</u>
	antisense	GGC ATG GAC TGT GGT CAT GA				<u>8</u>
CD1d.1	sense	ACG TCC TGG CAG ACA GTC CCA	60	24	706	<u>9</u>
		GG				
	antisense	TTA ATG TTG AAA AGA GCG TAC				<u>10</u>
		TGG C				

Please replace the line on page 35, line 1 with the following:

Table V The main family of lipids regulated by CD_{1d} in skin were phospholipids

Please add the following, centered at page 36, line 20:

Fig. 13

Please replace the line on page 37, line 1 with the following:

Table VI For the large intestine the following results were obtained:

Please replace the line on page 38, line 1 with the following:

Table VII For the small intestine the following results were obtained::